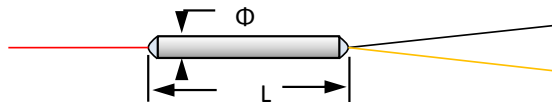


Fused WDM 635/1064nm

The 635/1064nm Fused Wavelength Division Multiplexer (WDM) is based on fused biconical taper (FBT) technology. It provides wavelength division multiplexing function. It is designed for fiber laser which could withstand high power. OF-Link's 635/1064nm Fused WDM could be built by HI 1060, HI 1060 flec, or SM 780 fiber.



Features

- Low Insertion Loss
- High Isolation
- Compact Size

Applications

- Fiber Laser
- Fiber Amplifier
- Lab & Research

Performance Specification

Parameter	Value		Unit
WDM Operating Wavelengths	635/1064		nm
Center Wavelength	635	1064	nm
Bandwidth	±5	±5	dB
Max. Insertion Loss	1.5	0.8	dB
Max. PDL for 1064 nm	0.2		dB
Min. Return Loss	50		dB
Min. Directivity	55		dB
Fiber Type	HI 1060, HI 1060 FLEX, SM 780 or customized		
Operating Temperature	-10 to +70		°C
Storage Temperature	-40 to +85		°C
Max. CW Handling Power (for 1064nm)	5		W
Package Dimension	Φ3.0×L54 for 250um bare fiber		mm
	Φ3.0×L60 for 900um loose tube		mm

Note

* Above specifications are for device without connector. For devices with connectors, IL will be 0.3dB higher and RL will be 5dB lower.
 * Specification subject to change without notice.

Ordering Information

WDM-AAA/AAAA-BB-C-DD-EE

AAA/AAAA	BB	C	DD	EE
Wavelength	Fiber Type	Fiber Jacket	Fiber Length	Connector
635/1064 - 635/1064nm	S6 - SM 780 Fiber	B - 250um Bare	05 - 0.5m	NE - None
SSS/SSSS - Specify	H6 - HI 1060 Fiber	Tube	08 - 0.8m	FA - FC/APC
	6F - HI 1060 Flex Fiber	L - 900um Loose	10 - 1.0m	FP - FC/PC
	SS - Specify	Tube	15 - 1.5m	SA - SC/APC
			SS - Specify	SP - SC/PC
				LA - LC/APC
				LP - LC/PC
				SS - Specify